

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	54	first discharge capacity with battery	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/04/05 16:22
L2	58	first discharge capacity with battery	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/04/05 16:22
L3	16	first discharge capacity with battery and @pd<"20040303"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/04/05 16:24
L4	325	voltage with battery with optimiz \$5 and @pd<"20040303"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/04/05 16:27
L5	1	("20010033971").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/05 16:44
L6	1	is and polyethylene oxide	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/04/05 16:44
L7	1	"2001520447"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/04/05 16:51
L8	1	"2000511342"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2011/04/05 16:53
S1	0	US4070527	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/06 17:43
S2	7	"4070527"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/06 17:44
S3	31	"3826685"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/06 17:45
S4	5	"3826685" and dubin.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/06 17:45
S5	1	"3982959" and partridge.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/06 17:45

S6	1	"6329099" and oyama.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/06 17:46
S7	1	JP2000058108	JPO; DERWENT	ADJ	ON	2009/05/06 17:47
S8	4	"2000058108"	JPO; DERWENT	ADJ	ON	2009/05/06 17:47
S9	3	("4070527"   "6329099").PN.	JPO; DERWENT	ADJ	ON	2009/05/06 17:50
S10	2	("4070527"   "6329099").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/06 17:50
S11	3	"3404036" and kummer.in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/08 14:49
S12	26	"3826685" and solid	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/08 14:50
S13	5	"3826685" and solid and dubin. in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/08 14:50
S14	0	"6329099" and solid sodium	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/08 14:55
S15	2	"6329099" and sodium	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/08 14:55
S16	357	@pd<"20040303" and sodium sulfur battery	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/08 14:57
S18	40	@pd<"20040303" and (sodium sulfur battery or sodium-sulfur battery) and (solid sodium)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/08 14:58
S19	28	@pd<"20040303" and (sodium sulfur battery or sodium-sulfur battery) and (solid sodium with (anode or electrode))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/08 14:59
S20	0	@pd<"20040303" and (sodium sulfur battery or sodium-sulfur battery) and (solid sodium with (anode or electrode) not electrolyte)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/08 15:00
S21	89	@pd<"20040303" and sodium sulfur battery and (solid near3 (electrode or anode))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/08 15:18
S22	68	@pd<"20040303" and sodium sulfur battery and (solid near2 (electrode or anode))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/08 15:18
S23	10	@pd<"20040303" and sodium sulfur battery and (solid near2 (electrode or anode)) not solid electrolyte	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/08 15:20
S24	357	@pd<"20040303" and (sodium sulfur battery or sodium-sulfur battery)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/08 15:44
S25	21	@pd<"20040303" and (sodium sulfur battery or sodium-sulfur battery) and solid.ti.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/08 15:44

S26	166	@pd<"20040303" and (sodium sulfur battery or sodium-sulfur battery) not solid electrolyte	US-PGPUB; USPAT; USOOCR	ADJ	ON	2009/05/08 15:47
S27	161	@pd<"20040303" and (sodium sulfur battery or sodium-sulfur battery) not (solid electrolyte or solid ion)	US-PGPUB; USPAT; USOOCR	ADJ	ON	2009/05/08 15:47
S28	48	@pd<"20040303" and (sodium sulfur battery or sodium-sulfur battery) and liquid electrolyte	US-PGPUB; USPAT; USOOCR	ADJ	ON	2009/05/08 15:47
S29	8	@pd<"20040303" and (sodium sulfur battery or sodium-sulfur battery) same liquid electrolyte	US-PGPUB; USPAT; USOOCR	ADJ	ON	2009/05/08 15:49
S30	969	(sodium near2 sulfur) and battery	US-PGPUB; USPAT; USOOCR	ADJ	ON	2009/05/08 16:31
S31	15453	carbonate near2 solvent	US-PGPUB; USPAT; USOOCR	ADJ	ON	2009/05/08 16:32
S32	33	S30 and S31	US-PGPUB; USPAT; USOOCR	ADJ	ON	2009/05/08 16:32
S33	2755	carbonate near2 electrolyte	US-PGPUB; USPAT; USOOCR	ADJ	ON	2009/05/08 16:32
S34	21	S30 and S33	US-PGPUB; USPAT; USOOCR	ADJ	ON	2009/05/08 16:33
S35	65	NaS battery	US-PGPUB; USPAT; USOOCR	ADJ	ON	2009/05/08 16:36
S36	0	NaS battery and (solid electrode)	US-PGPUB; USPAT; USOOCR	ADJ	ON	2009/05/08 16:36
S37	1	NaS battery and (solid sodium)	US-PGPUB; USPAT; USOOCR	ADJ	ON	2009/05/08 16:36
S38	0	S30 and S31 not lithium	US-PGPUB; USPAT; USOOCR	ADJ	ON	2009/05/08 16:37
S39	0	2001/0033971 A1	US-PGPUB; USPAT; USOOCR	ADJ	ON	2009/05/08 16:55
S40	1	"20010033971" A1	US-PGPUB; USPAT; USOOCR	ADJ	ON	2009/05/08 16:55
S41	0	"20010033971" A1 and anode	US-PGPUB; USPAT; USOOCR	ADJ	ON	2009/05/08 16:55
S42	1	"20010033971" A1 and sodium	US-PGPUB; USPAT; USOOCR	ADJ	ON	2009/05/08 16:57
S43	1529	@pd<"20040303" and (sodium sulfur battery or sodium-sulfur battery)	EPO; JPO; DERWENT	ADJ	ON	2009/05/08 17:20
S44	198	@pd<"20040303" and (sodium sulfur battery or sodium-sulfur battery) and solid.ti	EPO; JPO; DERWENT	ADJ	ON	2009/05/08 17:20
S45	947	@pd<"20040303" and (sodium sulfur battery or sodium-sulfur battery) not (solid electrolyte or solid ion)	EPO; JPO; DERWENT	ADJ	ON	2009/05/08 17:20

S46	1	@pd<"20040303" and (sodium sulfur battery or sodium-sulfur battery) and liquid electrolyte	EPO; JPO; DERWENT	ADJ	ON	2009/05/08 17:21
S47	2001	(sodium near2 sulfur) and battery	EPO; JPO; DERWENT	ADJ	ON	2009/05/08 17:21
S48	153165	carbonate same solvent	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/08 17:21
S49	0	S47 and S48	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/08 17:21
S50	97	NaS battery	EPO; JPO; DERWENT	ADJ	ON	2009/05/08 17:22
S51	0	NaS battery and (solid electrode)	EPO; JPO; DERWENT	ADJ	ON	2009/05/08 17:22
S52	12	sodium near2 sulfur and (solid electrode)	EPO; JPO; DERWENT	ADJ	ON	2009/05/08 17:22
S53	1	NaS battery and (solid sodium)	EPO; JPO; DERWENT	ADJ	ON	2009/05/08 17:22
S54	4	@pd<"20040303" and (sodium sulfur battery or sodium-sulfur battery) and (solid near2 electrode).ti.	EPO; JPO; DERWENT	ADJ	ON	2009/05/08 17:23
S55	1	sodium near2 sulfur and (nonaqueous electrolyte or non-aqueous electrolyte)	EPO; JPO; DERWENT	ADJ	ON	2009/05/08 17:26
S56	19	sodium near2 sulfur and (carbonate same solvent)	EPO; JPO; DERWENT	ADJ	ON	2009/05/08 17:27
S57	812	polyethyleneoxide	EPO; JPO; DERWENT	ADJ	ON	2009/05/08 17:38
S58	10	polyethyleneoxide same (positive electrode or cathode)	EPO; JPO; DERWENT	ADJ	ON	2009/05/08 17:38
S59	4	polyethyleneoxide same (positive electrode or cathode) and @pd<"20040303"	EPO; JPO; DERWENT	ADJ	ON	2009/05/08 17:38
S60	0	2001/0033971 A1	EPO; JPO; DERWENT	ADJ	ON	2009/05/08 17:54
S61	1	"20010033971" A1	EPO; JPO; DERWENT	ADJ	ON	2009/05/08 17:54
S62	1	"20010033971" A1 and sulfur	EPO; JPO; DERWENT	ADJ	ON	2009/05/08 17:54
S63	1	"20010033971" A1 and (NiS or FeS or PbS)	EPO; JPO; DERWENT	ADJ	ON	2009/05/08 17:55
S64	1890	polyethyleneoxide or PEO	EPO; JPO; DERWENT	ADJ	ON	2009/05/08 18:21
S65	98	(polyethyleneoxide or PEO) and battery and (cathode or electrode)	EPO; JPO; DERWENT	ADJ	ON	2009/05/08 18:21
S66	30	(polyethyleneoxide or PEO) with (cathode or electrode)	EPO; JPO; DERWENT	ADJ	ON	2009/05/08 18:21
S67	18	(polyethyleneoxide or PEO) with (cathode or electrode) and battery	EPO; JPO; DERWENT	ADJ	ON	2009/05/08 18:21

S68	18	((polyethyleneoxide or PEO) with (cathode or electrode)) and battery	EPO; JPO; DERWENT	ADJ	ON	2009/05/08 18:21
S69	15	((polyethyleneoxide or PEO) with (cathode or electrode)) and battery and @pd<"20040303"	EPO; JPO; DERWENT	ADJ	ON	2009/05/08 18:22
S70	155	((polyethyleneoxide or PEO) with (cathode or electrode)) and battery and @pd<"20040303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/05/08 18:22
S71	140	((polyethyleneoxide or PEO) with (cathode or electrode)) and battery and @pd<"20040303"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/08 18:22
S72	0	("cathode contains" near2 (polyethylene oxide or PEO)) and battery and @pd<"20040303"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/08 18:23
S73	1	("cathode contains" with (polyethylene oxide or PEO or polyethyleneoxide)) and battery and @pd<"20040303"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/08 18:23
S74	1	("cathode contains" with (polyethylene oxide or PEO or polyethyleneoxide)) and @pd<"20040303"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/08 18:24
S75	1	("electrode contains" with (polyethylene oxide or PEO or polyethyleneoxide)) and @pd<"20040303"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/08 18:24
S76	183	429/231	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/08 18:39
S77	162	429/231.cds.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/08 18:39
S78	472	429/104.cds.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/08 18:40
S79	121	429/104.cds. and sodium sulfur battery	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/05/08 18:40
S80	22	polycarbon sulfide	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 13:16
S81	8	polycarbon sulfide same (liquid or solid)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 13:16
S82	0	(monoethylene glycol or diethylene glycol dimethyl ether or triethylene glycol dimethyl ether or tetraethylene or tetraethylene glycol dimethyl ether or polyethylene glycol dimethyl ether) and "20010033971".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 14:00

S83	2467	((monoethylene glycol or diethylene glycol dimethyl ether or triethylene glycol dimethyl ether or tetraethylene or tetraethylene glycol dimethyl ether or polyethylene glycol dimethyl ether)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 14:01
S84	1	("20010033971").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/03/22 14:01
S85	0	S83 and S84	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 14:01
S86	1004	(glyme with dimethoxyethane)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 14:09
S87	11	((monoethylene glycol or diethylene glycol dimethyl ether or triethylene glycol dimethyl ether or tetraethylene or tetraethylene glycol dimethyl ether or polyethylene glycol dimethyl ether) with (dimethoxyethane or DME)) and @pd<"20040217" and electrolyte	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 14:24
S88	7	((monoethylene glycol or diethylene glycol dimethyl ether or triethylene glycol dimethyl ether or tetraethylene or tetraethylene glycol dimethyl ether or polyethylene glycol dimethyl ether) with (dimethoxyethane or DME)) and @pd<"20040217" and (liquid near2 electrolyte)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 14:26
S89	1	("6132904").PN.	USPAT; USOCR	OR	OFF	2010/03/22 14:40
S90	1	S89 and polyethylene oxide	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 14:40
S91	56	@pd<"20040217" and (polyethylene oxide with binder with electrode)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 14:42
S92	0	@pd<"20040217" and (polyethylene oxide and polytetrafluoroethylene with binder with electrode)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 14:42
S93	74	@pd<"20040217" and (polyethylene oxide and polytetrafluoroethylene with binder with electrode)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 14:43
S94	7	@pd<"20040217" and (polyethylene oxide with polytetrafluoroethylene with binder with electrode)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 14:43
S95	6	(amanda near2 barrow).xa.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/03/22 16:52

## **EAST Search History (Interference)**

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